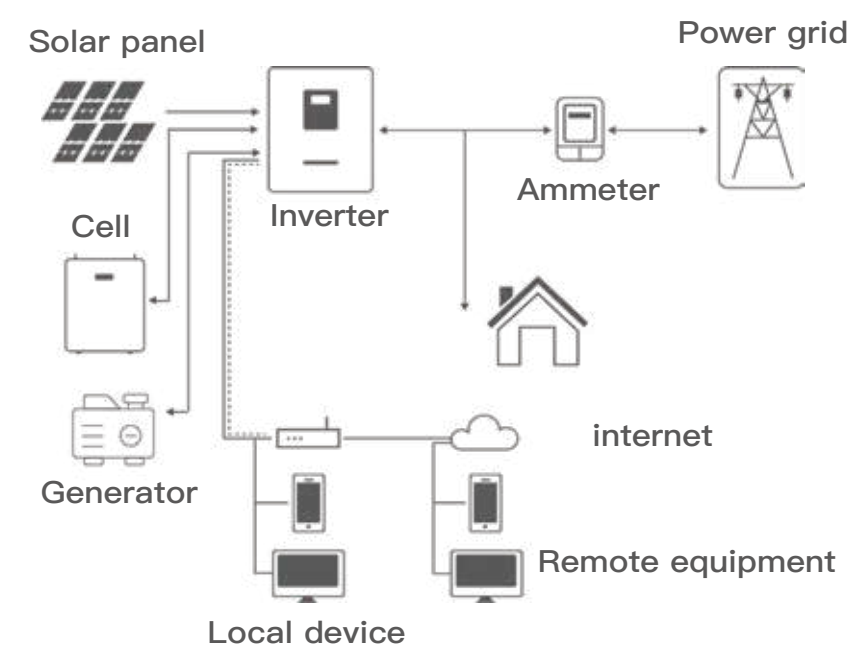


MKSII 5K Series Off Grid Solar Inverter



Product Features

- Off grid inverter, support the utility and photovoltaic solar two lines of input
- DPS digital control technology, the double transformation online design, USES the input PFC technology, the input power of 0.99, and high efficiency inverter topology, the output is more efficient
- Battery equalization function optimization of battery performance, extend battery life
- Mains/pv/battery/multimode optimal output
- Built-in dust-proof net suite, suitable for bad environment
- Based on MPPT solar charger design
- Biggest support 9 parallel machines
- Support battery cold start



SPECIFICATION

MODEL	MKSII 5K
Rated power	5000VA
Ac input	
Voltage	230VAC
Voltage range	170–280Vac(applicable to personal computer) 90–280Vac (applicable to household appliances)
Voltage range	50/60HZ
PV input	
Maximum photovoltaic array power	4500W
The largest photovoltaic array open-circuit voltage	450Vdc
Scope of MPPT @ working voltage	120Vdc–430Vdc
The rated voltage	360V
Number of MPPT	1
Output Parameters	
Voltage	230V±5%
Frequency	50HZ
Efficiency	90%
Maximum output power	5000W
Conversion time	10ms (UPS) , 20ms (Household appliance)
harmonic	≤3%
Overload capacity	5s@≥150%load;10s@110%–150%load
The utility model	
Voltage	230Vac±5%
Frequency	50Hz
Efficiency	95%
Battery	
The battery voltage	48V
Charging way	A three-stage charging
Maximum charging current	80A
Cold start voltage	46V
Weaver function	The biggest support 9 weaver
The battery type	Lead-acid, lithium Battery
Protection function	Output short circuit overload over temperature protection, and other functions
Communication port	RS232,USB, Dry contact
The work environment	
Working temperature	-10℃-50℃
Storage temperature	-15℃-60℃
Relative humidity	5%-95%
Physical	
Size (D/W/H)	480x310x125mm
Net weight (KG)	11